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> OUKITEL P1000E Plus Portable Power Station User Manual

OUKITEL P1000E PLUS

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Model: P1000E PLUS

1. INTRODUCTION

The OUKITEL P1000E Plus is a versatile portable power station designed to provide reliable power for various applications, from outdoor adventures and camping to emergency home backup. Featuring a 1024Wh LiFePO4 battery, 1800W AC output, and multiple charging options, it ensures your devices stay powered wherever you are. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting.

2. SAFETY INSTRUCTIONS

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or injury.
- Do not expose the unit to fire or high temperatures.
- Do not use or store the unit in direct sunlight or in hot environments.
- Do not use or store the unit in a bathroom or in areas exposed to water or rain.
- Use only original or certified accessories.
- Keep the unit away from children and pets.
- Ensure proper ventilation during use to prevent overheating.
- Avoid dropping, heavy impacts, or strong vibrations.
- If the unit emits unusual odors, heat, or other abnormalities, stop using it immediately and contact customer support.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- OUKITEL P1000E PLUS unit x1
- AC charging cable x1
- MC4 to XT60 cable x1
- User Manual x1



Figure 3.1: Included Components. This image illustrates the OUKITEL P1000E Plus power station alongside its standard accessories, including the AC charging cable, MC4 to XT60 cable for solar connection, and the user manual.

4. PRODUCT FEATURES AND OVERVIEW

Key Features

- **11-in-1 Connections:** Features 4 AC 1800W outputs (3600W peak), 2 PD100W Type-C outputs, 2 USB-A 18W outputs, 2 DC5521 outputs, and a 12V cigarette lighter port for comprehensive device compatibility.
- **Reliable and Durable LiFePO4 Battery:** Offers up to 4000 charge cycles for daily use, ensuring a lifespan of up to 10 years.
- **1200W Fast Charging Function:** Achieves 100% power in just 70 minutes via AC. Combined AC and solar charging can fully charge the unit in 40 minutes. 500W solar charging alone completes a full charge in 2.1 hours.
- **10ms Seamless Power Switching (UPS):** Automatically switches to UPS mode in less than 10 milliseconds during a power outage, ensuring continuous operation for critical connected devices.
- **Smart App Control:** Manage the power station with the OUKITEL app, allowing seamless switching between charging modes, flexible adjustment of charging speed, and real-time statistics. Enjoy quiet operation with noise levels ≤ 29 dB.

Output Ports Overview

Conexión simultánea de 11 puertos

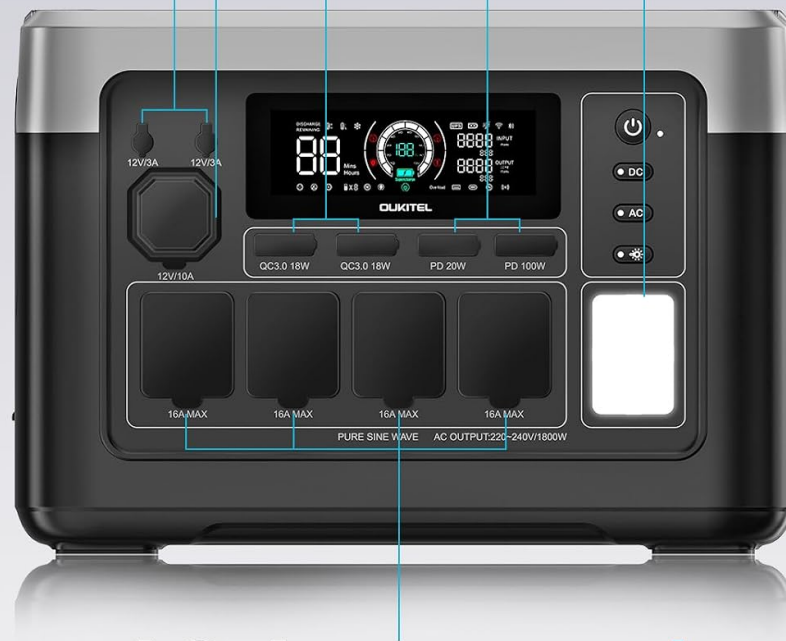
Zigarettenanzünder x1

LED

DC5521 x2

USB-A x2

USB-C x2



AC Ausgang x4

Figure 4.1: Front Panel Layout. This image displays the front panel of the OUKITEL P1000E Plus, highlighting the locations of the AC outlets, DC ports, USB-A ports, USB-C ports, and the cigarette lighter port, along with the main display and control buttons.

1024WH/1800W Salida ultra alta

soddisfare le diverse esigenze di alimentazione



Drone(25 Veces)



Laptop(13 Veces)



Ventilador(17 Hrs)



Figure 4.2: Multiple Device Charging. The power station is shown actively charging a laptop, a smartphone, and powering a fan, demonstrating its multi-device capability and various output types.

5. SETUP AND CHARGING

Initial Setup

Before first use, fully charge your OUKITEL P1000E Plus. This ensures optimal battery performance and calibration.

Charging Methods

The P1000E Plus supports multiple charging methods:

- **AC Wall Charging:** Connect the AC charging cable to the unit and a standard wall outlet. The 1200W fast charging can fully charge the unit in approximately 70 minutes.



Figure 5.1: AC Wall Charging. The power station is connected to a standard wall socket for rapid AC charging, illustrating the quick charge capability.

- **Solar Charging:** Connect compatible solar panels (up to 500W) to the unit using the MC4 to XT60 cable. A full charge via 500W solar input takes approximately 2.1 hours.



Figure 5.2: Solar Charging. The power station is shown connected to foldable solar panels in an outdoor setting, demonstrating its solar charging capability.

- **Car Charging:** Use a 12V/24V car charger to charge the unit from your vehicle's power outlet. Full charging time varies between 8 to 12 hours depending on the vehicle's output.



Figure 5.3: Car Charging. The power station is depicted charging inside a vehicle, connected to the car's 12V/24V outlet, highlighting its portability and convenience for travel.

- **Combined AC + Solar Charging:** For the fastest charging, combine AC and solar inputs. This method can achieve a full charge in as little as 40 minutes.

6. OPERATING INSTRUCTIONS

Powering On/Off

Press and hold the main power button for a few seconds to turn the unit on or off. The display will illuminate, showing battery status and output information.

Using AC Outputs

Press the AC button to enable or disable the AC outlets. Connect your devices to the 1800W (3600W peak) AC ports. Ensure the total power consumption does not exceed the rated output.

Using DC and USB Outputs

Press the DC button to enable or disable the DC outputs (including USB-A, USB-C, DC5521, and cigarette lighter port). Connect your compatible devices to the respective ports.

Uninterruptible Power Supply (UPS) Function

When the P1000E Plus is connected to an AC wall outlet and has devices plugged into its AC outputs, it can function as a UPS. In the event of a power outage, the unit will automatically switch to battery power in less than 10 milliseconds, providing seamless power to connected critical devices.

UPS de 1800W sin interrupciones < 10ms

Cuando la red eléctrica se queda sin energía, P1000E PLUS puede cambiar rápidamente al modo UPS en 10ms. No hay necesidad de temer la pérdida de archivos informáticos o la parada repentina del frigorífico.






Figure 6.1: UPS Function in Action. The power station is shown connected to a desktop computer setup, illustrating its role in providing uninterrupted power during a grid failure, preventing data loss.

Smart App Control

Download the OUKITEL app from your smartphone's app store. Connect your P1000E Plus via Bluetooth or Wi-Fi to monitor battery status, adjust charging parameters, switch between modes, and view real-time power statistics. The app also allows for silent operation mode, keeping noise levels below 29 dB.

Control de la máquina por APP

 Carga de emergencia  Modo de ahorro de energía  Temporizador de apagado



 Download on the
App Store

 GET IT ON
Google Play

Figure 6.2: OUKITEL App Interface. A smartphone screen displays the OUKITEL app, showing battery percentage, input/output wattage, and controls for various functions of the power station.

7. MAINTENANCE AND STORAGE

Battery Care

The P1000E Plus uses a LiFePO4 battery, known for its longevity and safety. To maximize battery lifespan:

- Avoid fully discharging the battery frequently.
- For long-term storage, charge the unit to approximately 50-80% and recharge every 3-6 months.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

Baterías LiFePO4

Más de 10 años de vida útil



1024Wh



Ciclos de 4000+

4000

Ciclos de 4000+

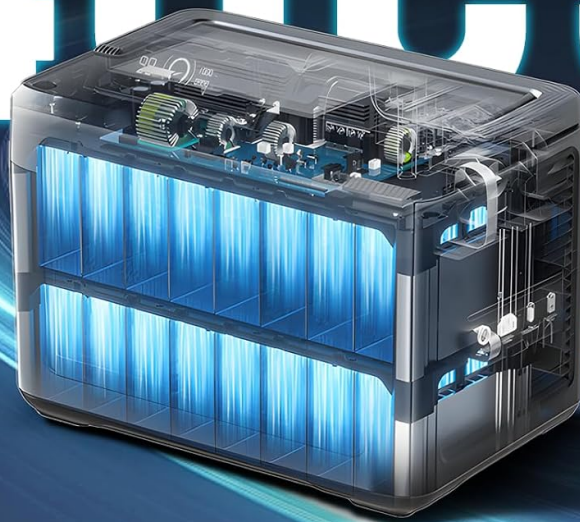


Figure 7.1: LiFePO4 Battery Longevity. This diagram visually represents the extended lifespan of the LiFePO4 battery, highlighting its capability of over 4000 charge cycles and more than 10 years of operational life.

Cleaning and Storage

Wipe the unit with a dry, soft cloth. Do not use abrasive cleaners or solvents. When not in use, store the power station in a stable, dry environment.

Fácil de llevar por el camino



Figure 7.2: Portability. A person is shown easily carrying the OUKITEL P1000E Plus by its handle, emphasizing its compact design and light weight for transport.

8. TROUBLESHOOTING

If you encounter issues with your OUKITEL P1000E Plus, refer to the following common troubleshooting steps:

- **Unit not turning on:** Ensure the battery is charged. If not, connect it to a power source.
- **No output from ports:** Check if the respective output buttons (AC/DC) are enabled. Ensure the device connected is within the power station's wattage limits.
- **Slow charging:** Verify that the charging cable is securely connected and the power source is adequate. For solar charging, ensure panels are in direct sunlight and clean.
- **Overload warning:** Disconnect some devices to reduce the load. The unit will automatically recover once the load is within limits.
- **Overheating:** Ensure the unit has adequate ventilation. Move it to a cooler environment if necessary.

For persistent issues, please contact OUKITEL customer support.

9. SPECIFICATIONS

Specification	Value
Brand	OUKITEL
Model Number	OUKITEL P1000E PLUS
Battery Type	LiFePO4
Battery Capacity	1024Wh
AC Output Wattage	1800W (Operating), 3600W (Peak)
Total Number of AC Outlets	4
Type-C Output	PD100W x2
USB-A Output	18W x2
DC Output	DC5521 x2, 12V Cigarette Lighter
AC Fast Charging	1200W (0-100% in 70 minutes)
Solar Charging Input	Max 500W (0-100% in 2.1 hours)
UPS Switching Time	< 10ms
Product Dimensions (L x W x H)	39.9 x 28.6 x 32 cm
Recommended Product Uses	Camping, Outdoor, Emergency, RV
Start System Type	Electronic

10. WARRANTY AND SUPPORT

OUKITEL provides a **three-year warranty** for the P1000E Plus Portable Power Station, covering manufacturing defects and malfunctions under normal use.

For any questions, technical assistance, or warranty claims, please do not hesitate to contact OUKITEL customer support. We are committed to responding to your inquiries within 24 hours.

Please refer to the contact information provided on our official website or your purchase platform for the most up-to-date support channels.